

# 3973

TANZILLA EXPLORATIONS LTD. (N.P.L.)

KING GROUP

Liard M.D., B.C. 104-I-4/5

Lat. 58° 17' N. Long. 129° 56' W.

GEOLOGICAL AND GEOCHEMICAL SURVEYS

PROGRESS REPORT

by

<p>Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. <u>3973</u> MAP _____</p>
--

H. S. Aikins

Prepared under the Supervision of

P. H. Sevensma, Ph.D., P. Eng.

PETER H. SEVENSMA CONSULTANTS LTD.

July 19, 1972.

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APPENDIX "A"

Part 1

Part 2

#1	Figure 1 - Geology and Outcrop Map	1" = 400'
#2	Figure 2 - Geochemistry-Copper Plot	1" = 200'
#3	Figure 3 - Claim Location Map	1" = 2500'

**Vancouver Geochemical Laboratories Ltd.**

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C., CANADA TELEPHONE 604-988-2172

**GEOCHEMICAL ANALYTICAL REPORT**

REPORT No. 72-D77-003 DATE 8 July, 1972  
 SAMPLES SUBMITTED BY H.S. Aikens COMPANY Tanzilla Explorations  
 SHIPPED VIA delivered FROM Dease Lake  
 REPORT ON 15 samples for Cu,Zn DATE SAMPLES ARRIVED 7 July, 1972

\* \* \*

**COPIES OF THIS REPORT SENT TO:**

- (1) Tanzilla Explorations, Vancouver, B.C.  
 (2) Mr. H.S. Aikens, Dease Lake, B.C.  
 (3) \_\_\_\_\_

**TRANSMITTED BY:**mail

SAMPLES SIFTED OR GROUND TO -80 MESH, WEIGHT USED 0.50 g  
 FINAL VOLUME 10 ml ALIQUOT USED n/a

\* \* \*

**METHOD OF ANALYSIS:** Instrumental - Atomic AbsorptionEXTRACTION: Hot HClO<sub>4</sub> - HNO<sub>3</sub> digestionDETECTION: Techtron AA5**SAMPLES ASSIGNMENT:** (a) PREPARED SAMPLES: filed(b) REJECTS: discarded

\* \* \*

ANALYST(S) B.J., L.N. TYPIST InSUPERVISING CHEMIST L. Nicol CHECKED BY R.J. Nicol**COSTS:**

SHIPPING CHARGE	\$ --
SAMPLE PREPARATION	\$ 3.00
ANALYSIS	\$ 22.50
OTHER	\$ --
TOTAL	\$ 25.50

*R.J. Nicol*



# Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

72-D77-001

COMPANY Tanzilla Explorations REPORT No. \_\_\_\_\_ PAGE 1 OF 1

MARKING	Cu	Zn	Remarks	MARKING	Cu	Zn		
Creek 18N	70	81	West Side					
19	48	49	"					
20	54	75	"					
21	32	82	"					
22	32	51	"					
23	92	66	"					
Creek 24N	195	60	"					
Creek 18N	48	50	East Side					
Creek 19N 20W	58	62	"					
20N	43	42	"					
21N	62	61	"					
Creek 22N	46	35	"					
			12					

REMARKS

# Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

NORTH VANCOUVER, B.C. CANADA

TELEPHONE 604-988-2172

72-D77-004

COMPANY Tanzilla Explorations REPORT No. \_\_\_\_\_ PAGE 1 OF 1

MARKING	Cu	Remarks	MARKING	Cu			
12N 20W	29						
22	90	silt	14N 16W	31			
24	80		14N 18W	24			
26	18		16N 16W	33			
28	20		16N 18W	84			
12N 30W	105		18N 16W	27			
14N 22W	107		18N 18W	56			
24	94		22N 16W	50			
26	22		22N 18W	61			
28	28		24N 16W	31			
14N 30W	310		24N 18W	58			
16N 22W	64		26N 16W	22			
24	110		26N 18W	21			
26	62						
28	39						
16N 30W	22						
24N 23W	45						
26N 25W	41						
28N 6E	45						
4N 31W	51						

REMARKS

*DMS*

# Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C. CANADA TELEPHONE 604-988-2172

72-D77-002

COMPANY Tanzilla Explorations REPORT No. \_\_\_\_\_ PAGE 1 OF 1

MARKING	Cu	Zn	Remarks	MARKING				
18+00N 22+00W	65	105						
24	51	96						
26	62	55						
18+00N 28+00W	27	78						
20+00N 22+00W	18	64						
24	25	77						
26	16	52						
20+00N 28+00W	26	66						
Creek 25N	40	58	ORG. W. Side					
26	147	48	"					
27	101	33	"					
Creek 28N	33	72	" org.					
Creek 23N	45	67	E. Side org.					
Creek 24+00N	30	38	"					
Creek 25N	31	41	"					
26	67	37	"					
27	30	66	"					
28	39	40	"					
Creek 29N	40	35	"					

## REMARKS

org. = high organic content in sample





# Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE NORTH VANCOUVER, B.C., CANADA TELEPHONE 604-988-2172

## GEOCHEMICAL ANALYTICAL REPORT

REPORT No. 72-78-001 ..... DATE July 18, 1972  
Job No. 72-147  
SAMPLES SUBMITTED BY H.S.Aikens ..... COMPANY Tanzilla Explorations  
SHIPPED VIA Harrison ..... FROM Dease Lake  
REPORT ON 7 rocks for Cu ..... DATE SAMPLES ARRIVED July 17, 1972

\* \* \*

### COPIES OF THIS REPORT SENT TO:

### TRANSMITTED BY:

(1) Tanzilla Explorations - *Sam Aikens* ..... Mail  
(2) .....  
(3) .....

SAMPLES SIFTED OR GROUND TO -80 ..... MESH WEIGHT USED 0.50g  
FINAL VOLUME 10 ml ..... ALIQUOT USED n/a

\* \* \*

METHOD OF ANALYSIS: Instrumental Atomic Absorption

EXTRACTION: Hot HClO<sub>4</sub> & HNO<sub>3</sub> digestion

DETECTION: Techtron AA5 & AA1000

SAMPLES ASSIGNMENT: (a) PREPARED SAMPLES: filed

(b) REJECTS: stored for 3 months

\* \* \*

ANALYST(S) B.W. ..... TYPIST dcw

SUPERVISING CHEMIST C. Chun ..... CHECKED BY *C. Cohen*

### COSTS:

SHIPPING CHARGE	\$ ---
SAMPLE PREPARATION	\$ 5.95
ANALYSIS	\$ 7.00
OTHER	\$ --
TOTAL	\$ 12.95

SPECIALIZING IN TRACE ELEMENT ANALYSIS

*SM*

# Vancouver Geochemical Laboratories Ltd.

1521 PEMBERTON AVENUE

NORTH VANCOUVER, B.C. CANADA

TELEPHONE 604-988-2172

COMPANY Tazilla Explorations Ltd. REPORT N82-78-001 PAGE 1 OF 1

MARKING	Cu				MARKING				
11+75N-29+50W	50								
14+00N-28+00W	290								
14+00N-36+00W	305								
17+00N-20+25W	315								
17+00N-21+00W	9				carbonate				
24+50N-19+70W	185								
28+00N-19+00W	76								

REMARKS

All values are reported in parts per million unless specified otherwise. All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

CERTIFICATE

I, PIETER H. SEVENSMA, of 908, 1280 Haro Street, in the City of Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a consulting Geologist with a business address at 715-850 West Hastings Street, in the City of Vancouver in the Province of British Columbia.
2. THAT I am a graduate of the University of Geneva, Switzerland (Physics and Chemistry, 1937; Geology and Mineralogy, 1937) where I obtained my Ph.D. in Geological and Mineralogical Sciences in 1941.
3. THAT I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers of the Province of British Columbia and of the Association of Professional Engineers of Yukon Territory.
4. THAT I have practiced my profession as a geologist for the past 32 years.
5. THAT I have on several occasions examined the King Group property and that the information contained in the report of July 19, 1972 is based on work performed under my supervision.
6. That I have no direct or indirect interest in any of the securities or properties of Tanzilla Explorations Ltd. (N.P.L.), nor do I expect to receive or acquire any.

Dated this        th day of October 1972.



P.H. Sevensma, Ph.D., P.Eng.

STATEMENT OF QUALIFICATIONS

I, Harold S. Aikins, of 822 West 27th Ave., Vancouver, B.C.,  
DO HEREBY CERTIFY:

1. THAT I have been continuously engaged in a technical capacity in mining and mineral exploration geology since 1950.
2. THAT I have completed a programme of studies in accordance with standards set by The Society of Engineering Technologists Of The Province Of British Columbia and am a member with the grade of Senior Engineering Technician.
3. THAT the information contained in this report is based on work which I conducted under the supervision of an engineer registered by the Association of Professional Engineers of the Province of British Columbia.

Dated this 19th day of October, 1972.

  
H.S. Aikins, C.E.T.

DOMINION OF CANADA ) IN THE MATTER OF: Geological &  
 PROVINCE OF BRITISH COLUMBIA ) Geochemical Surveys conducted  
 ) on behalf of  
 TO WIT: ) TANZILLA EXPLORATIONS LTD. (N.P.L.)

I, Pieter H. Sevensma, Ph.D., P. Eng., of 715-850 West Hastings Street, in the City of Vancouver, province of British Columbia, do hereby declare that the following personnel were employed under my direction in the conduct of this work:-

P.H. Sevensma, Ph.D., P.Eng.: Periodic supervision ) & review of data @ \$170.00 per day )	\$ 980.00
H.S. Aikins, Sr. Technician: Field - July 4-11, ) office July 12-19 @ \$80.00 per day )	
Steven Louie, Line Cutter: July 5 to 9th @ \$25.00 per day	125.00
Charles Quock, Line Cutter: July 5 to 9th @ \$25.00 per day	125.00
	<hr/>
Total Fees, Salary and Wages	\$1,230.00

and that the following disbursements relate to the assessment work for which credit is claimed:-

Travel & Accomodation expense	\$ 250.00
Truck Rental - Tilden	188.35
Fuel, Accomodation & Supplies - Dease Lake	204.49
Geochemical Analysis	131.95
	<hr/>
Total Related Expense	\$ 774.79

The total cost of work as described in Report of July 19th, 1972 \$2,004.79

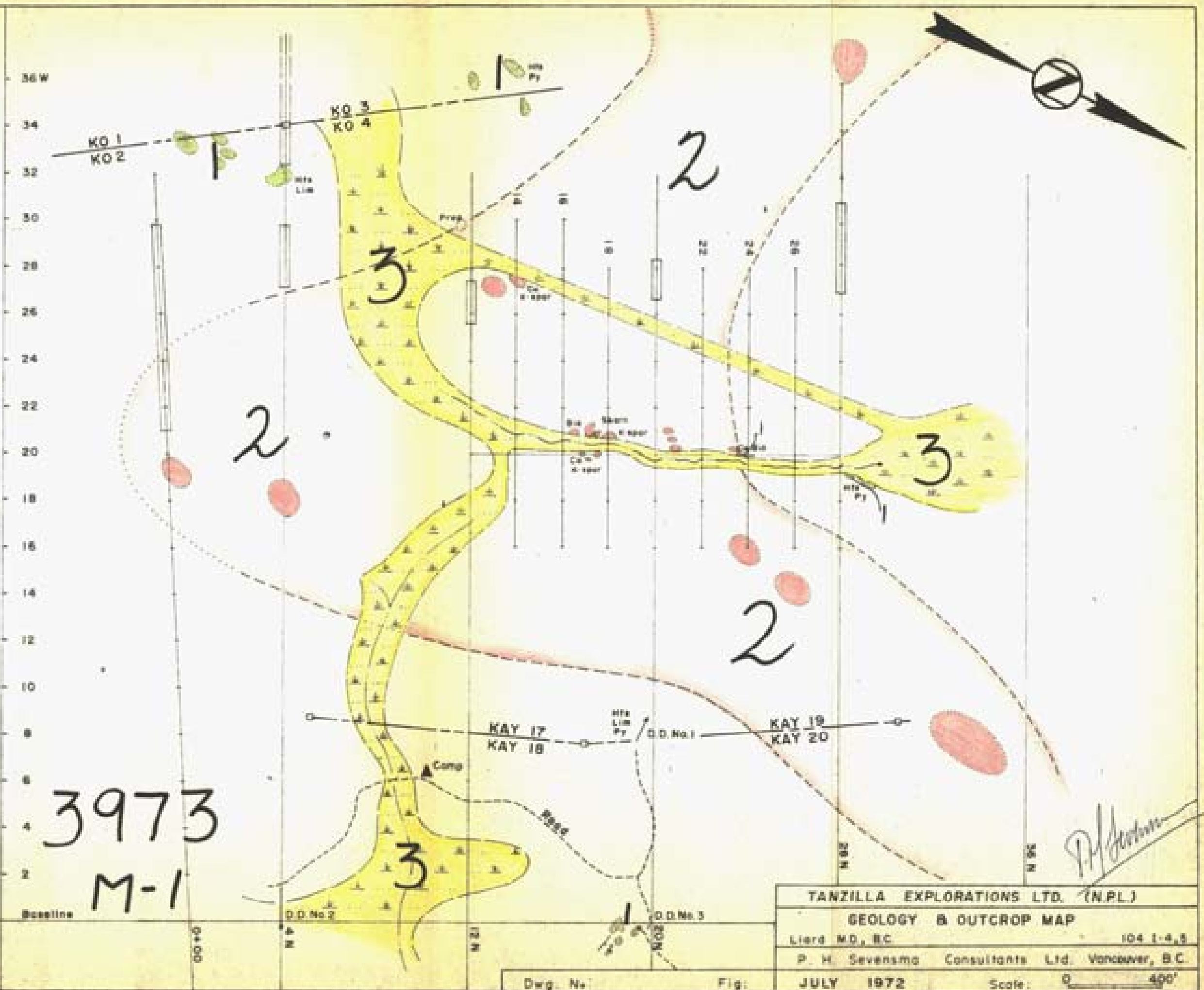
Declared before me at the City of Vancouver, in the Province of British Columbia, this 2nd day of Nov, 1972, A.D.

*P.H. Sevensma*

*G. Phillips* SUB-MINING RECORDER  
 A Commissioner for taking Affidavits within British Columbia or  
 A Notary Public in and for the Province of British Columbia.

- LEGEND —
- Surficial Deposits (unsorted drift, residual soil)
  - Morah, Stream & Meltwater channels
  - PRE - JURASSIC
  - Intrusive - Hotalluh Batholith (granodiorite, syenite, diorite)
  - TRIASSIC
  - Volcanics, Tuffs, Clastics, minor Ls (locally hornfelsic sands predominate)
  - Outcrop
  - Geological Boundary inferred - assumed
  - I.P. anomaly - see previous report
  - Picket Line
  - Claim location line & Posts

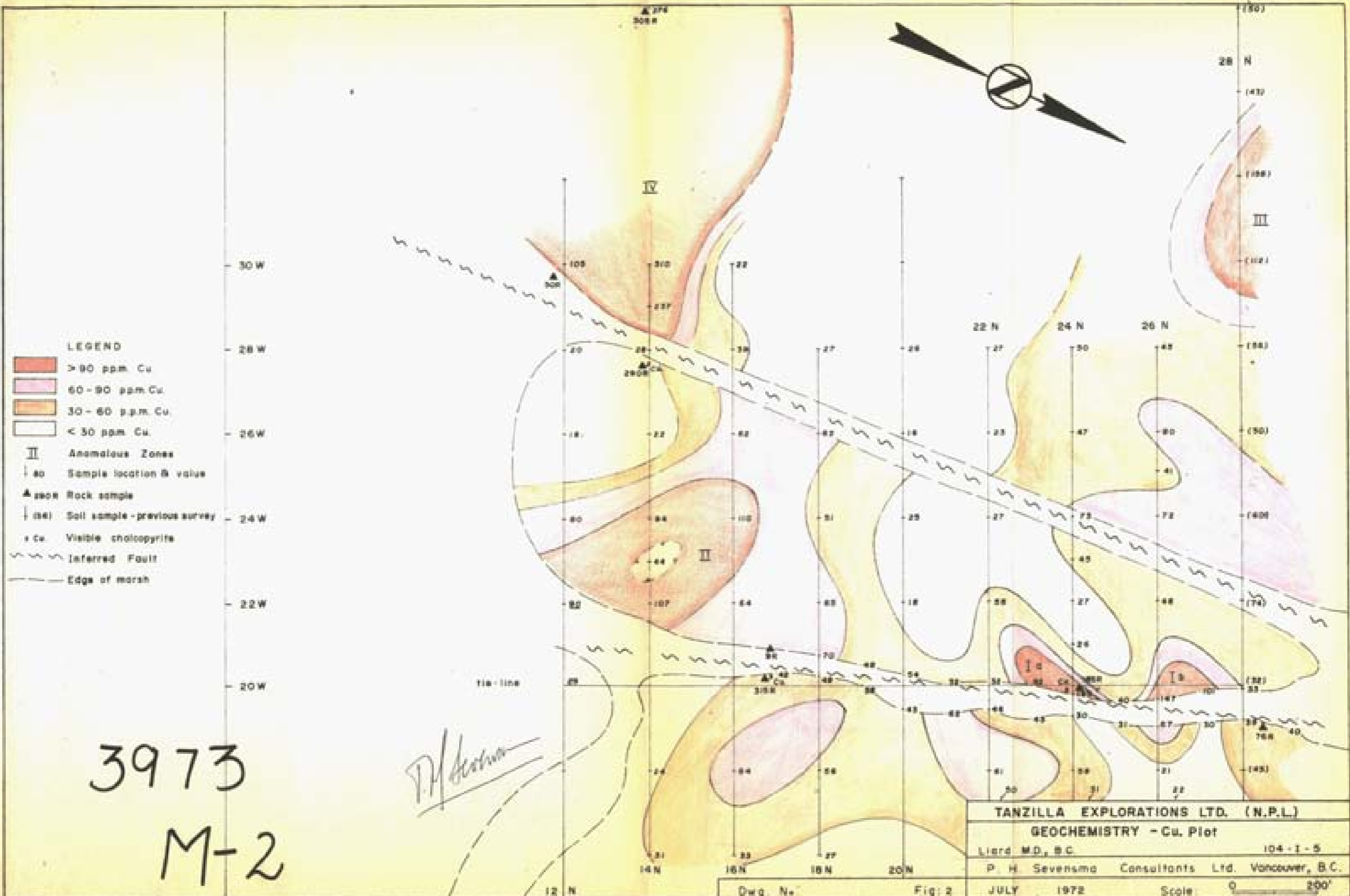
- Alteration & Mineralization
- Hfs : hornfels
  - Bio : biotite
  - K-spar : potassic feldspar
  - Skarn
  - Prop : propylitic alt'n
  - Lim : limonite
  - Px : pyrite, pyrrhotite
  - Cu : chalcopyrite

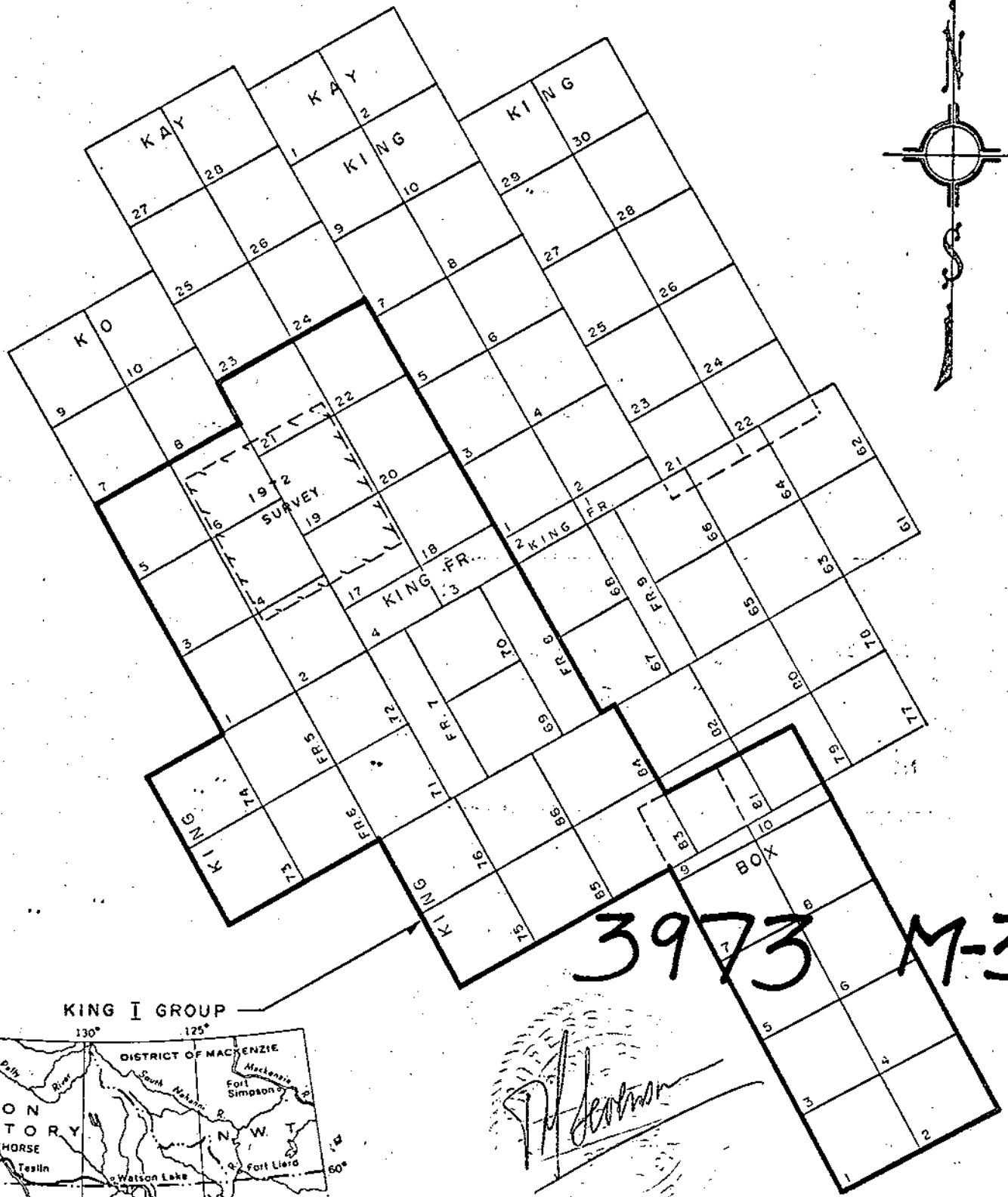
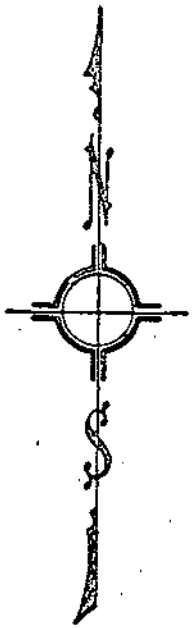


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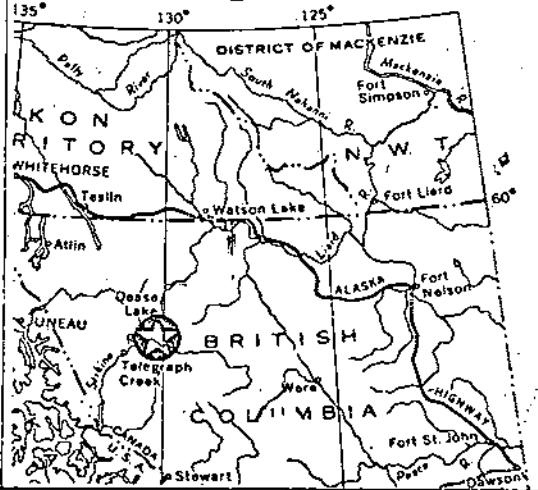
TANZILLA EXPLORATIONS LTD. (N.P.L.)	
GEOLOGY & OUTCROP MAP	
Liard M.D., B.C.	104 1-4,5
P. H. Sevensma Consultants Ltd. Vancouver, B.C.	
JULY 1972	Scale: 0 400'

Dwg. No. Fig.





KING I GROUP



TANZILLA EXPLORATIONS LTD. (N.P.L.)		
CLAIM LOCATION MAP		
Liard M.D., B.C.	104 - 1-5	
Peter H. Sevensmia Consultants Ltd., Vancouver, B.C.		
Oct. 13, 1972	Scale: 0 2500'	Fig: 3



Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 3973 MAP #3

W-3 2413

